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## **REMARKS**

An early examination is respectfully solicited.

Dato: July 20

A Notice to file Missing Parts was issued by the U.S. Patent Office on April 30, 2004. Among items enumerated in the Notice of Missing parts was reference to an ABSTRACT. It is included herein.

Respectfully submitted,

Marina V. Schneller Registration No. 26,032

Venable LLP

Post Office Box 34385

Washington, D.C. 20043-9998

Telephone: (202) 344-4000 Facsimile: (202) 344-8300

Applicants: Thomas R. BOUSSIE et al.

**ABSTRACT** 

New ligands, compositions, metal-ligand complexes and arrays with pyridyl-amine

ligands are disclosed that catalyze the polymerization of monomers into polymers. Certain of

these catalysts with hafnium metal centers have high performance characteristics, including

higher comonomer incorporation into ethylene/olefin copolymers, where such olefins are for

example, 1-octene, isobutylene or styrene. Certain of the catalysts are particularly effective at

polymerizing propylene to high molecular weight isotactic polypropylene in a solution process at

a variety of polymerization conditions.

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